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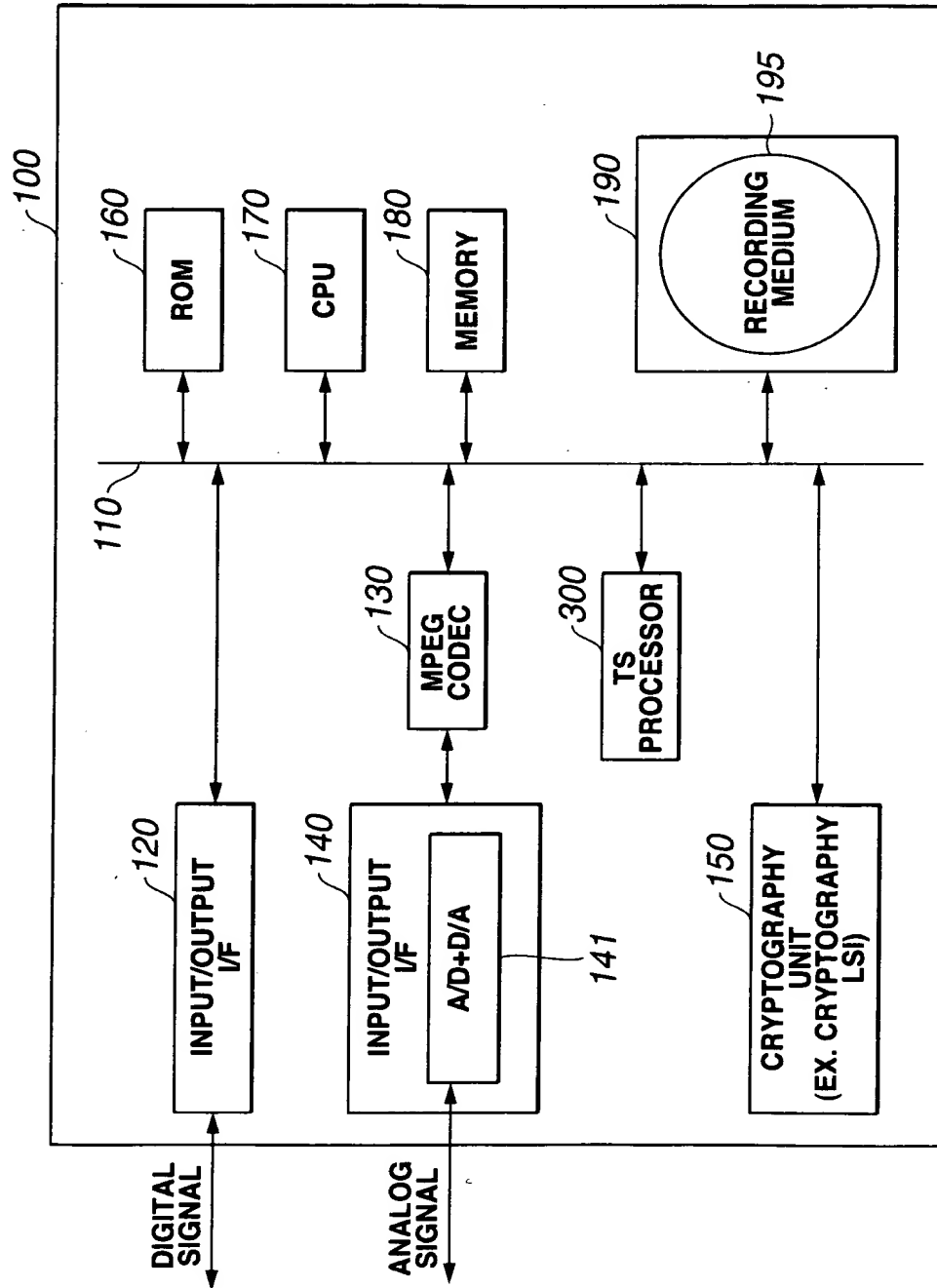


FIG.1

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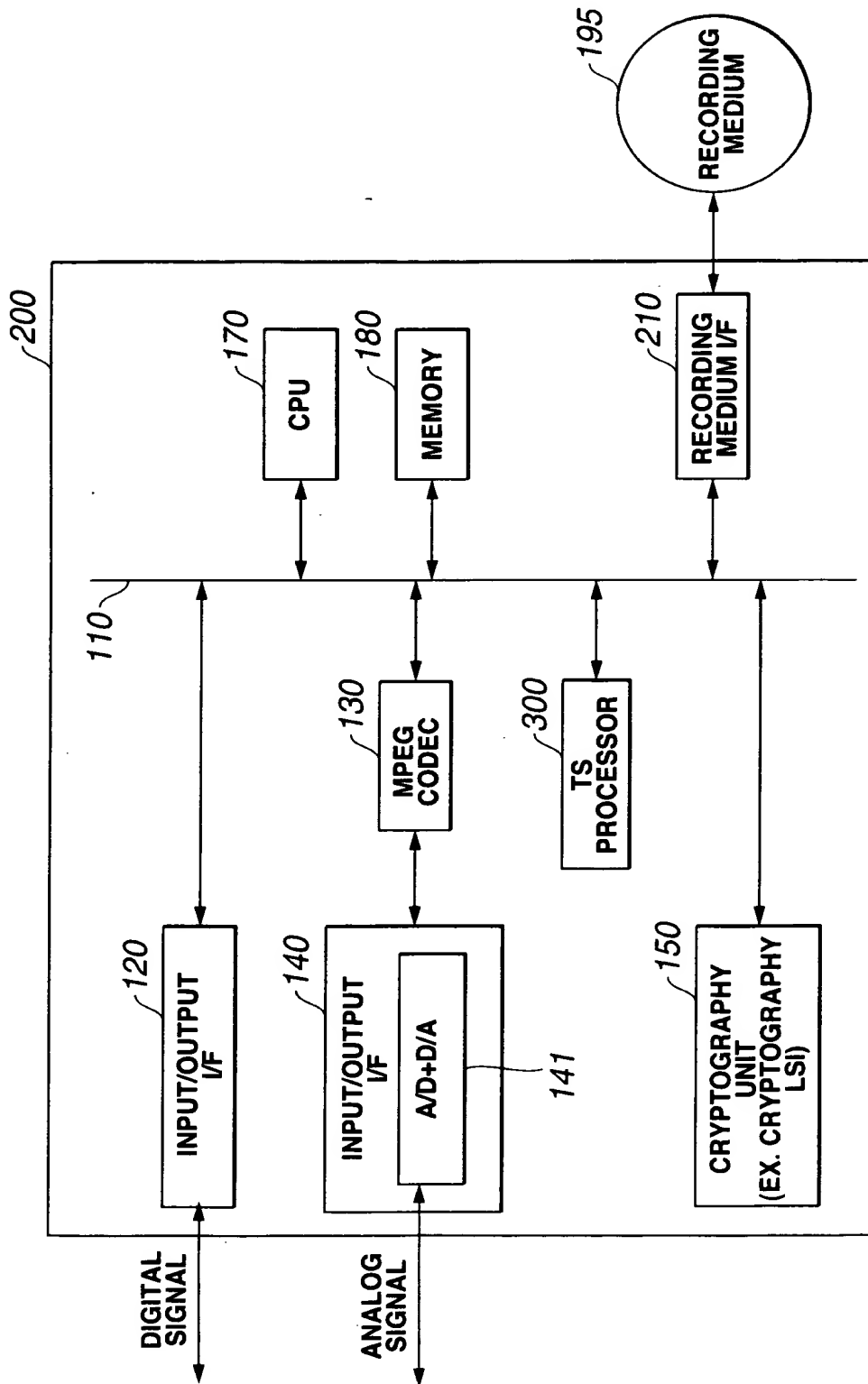
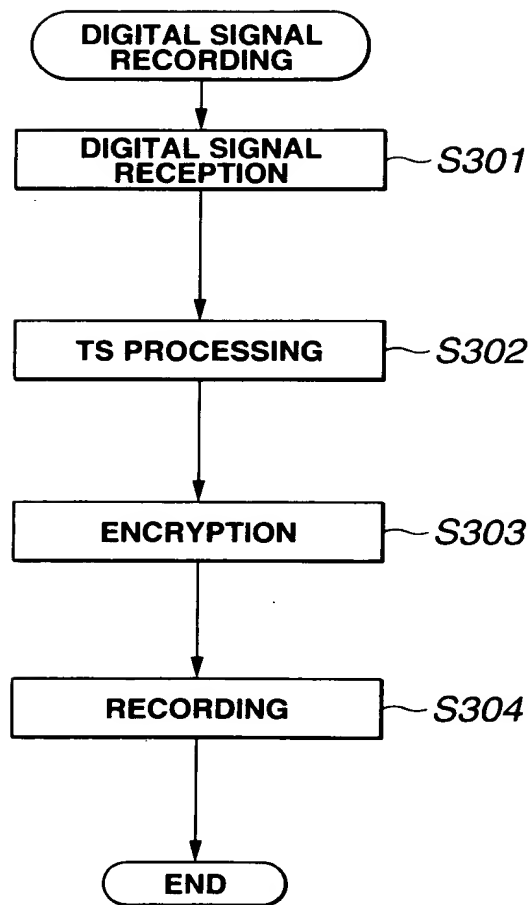
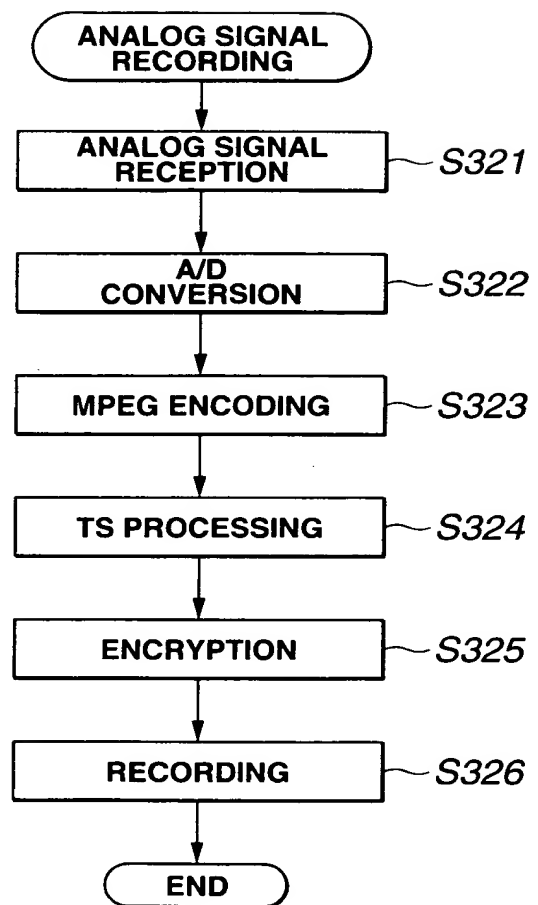


FIG.2

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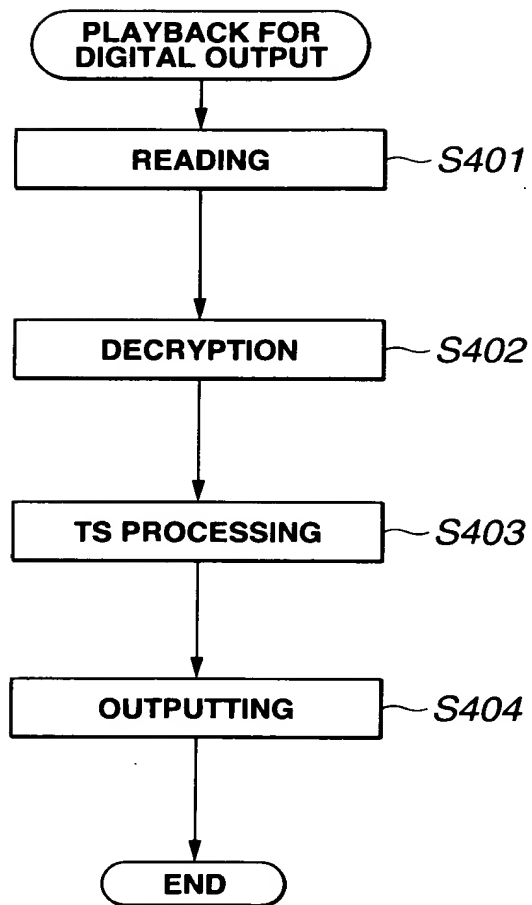


**FIG.3A**

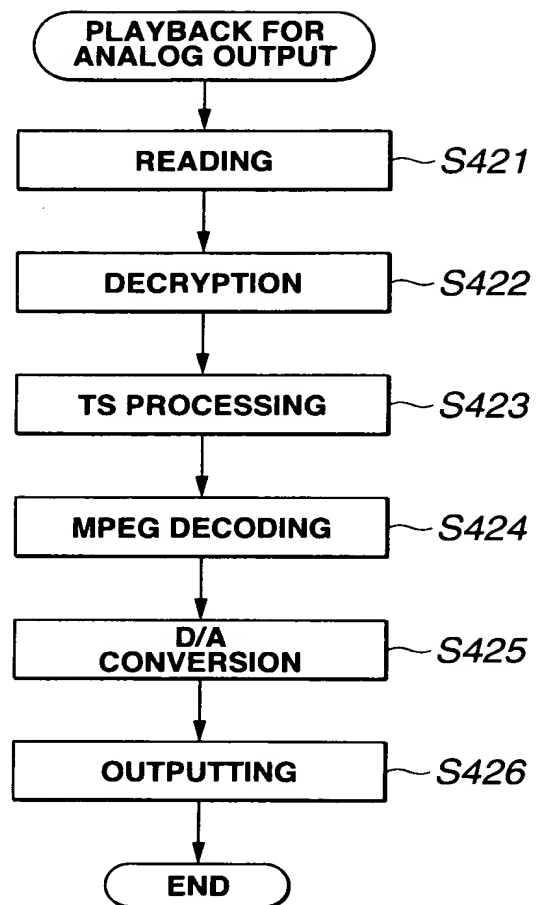


**FIG.3B**

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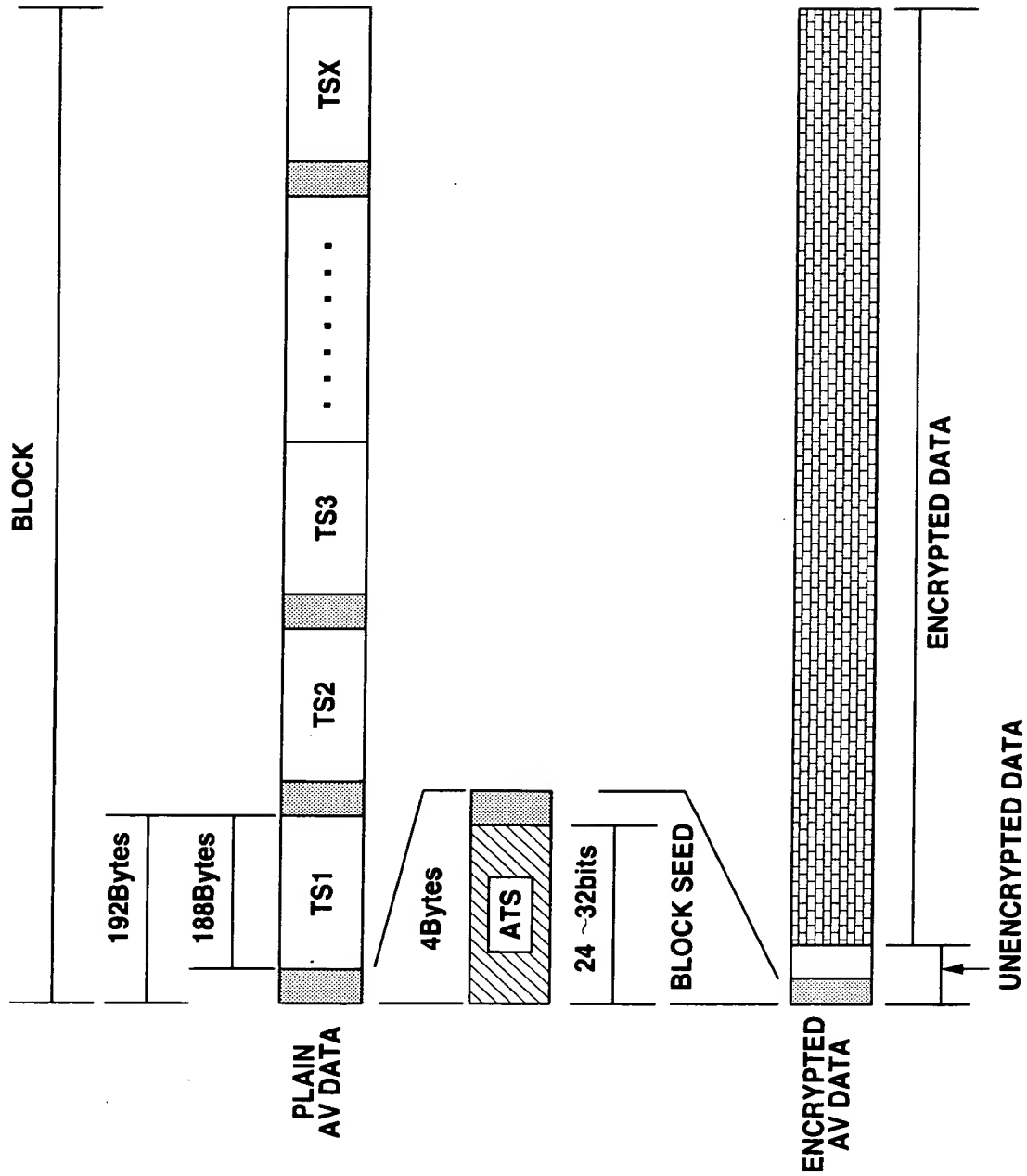


**FIG.4A**



**FIG.4B**

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**FIG.5**

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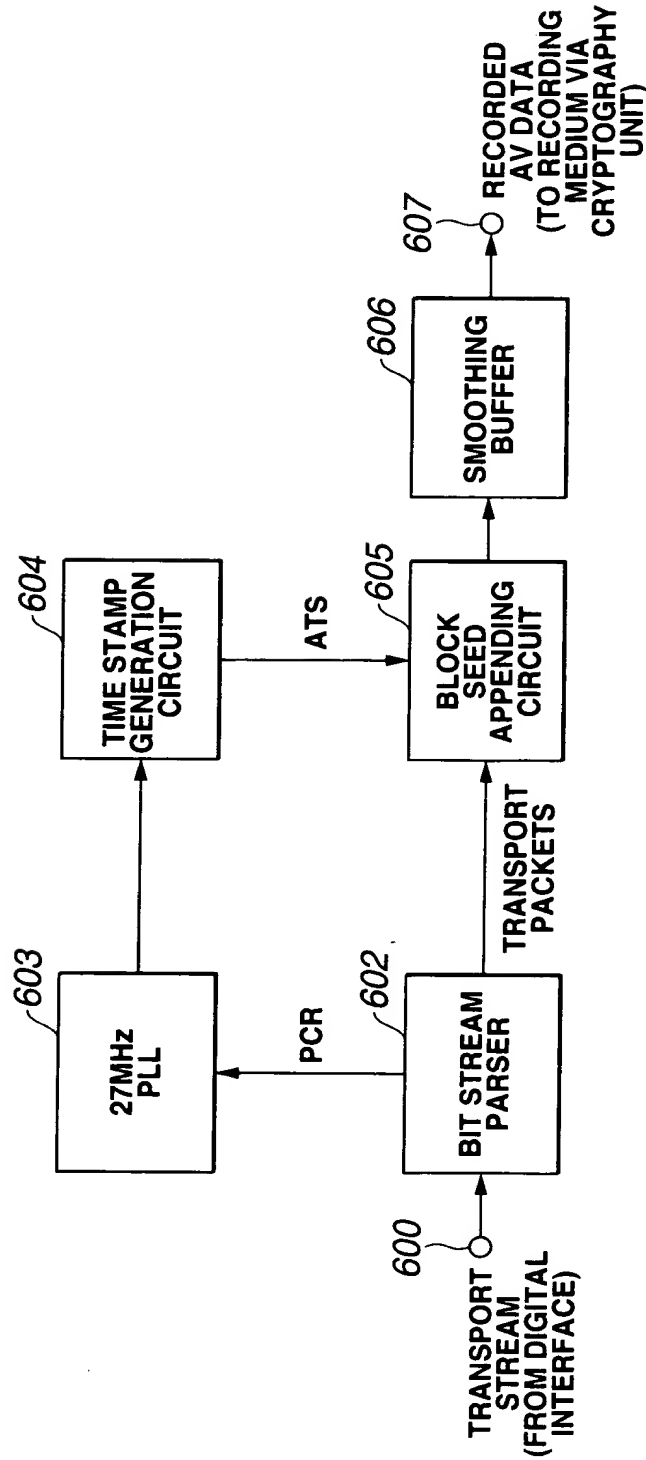
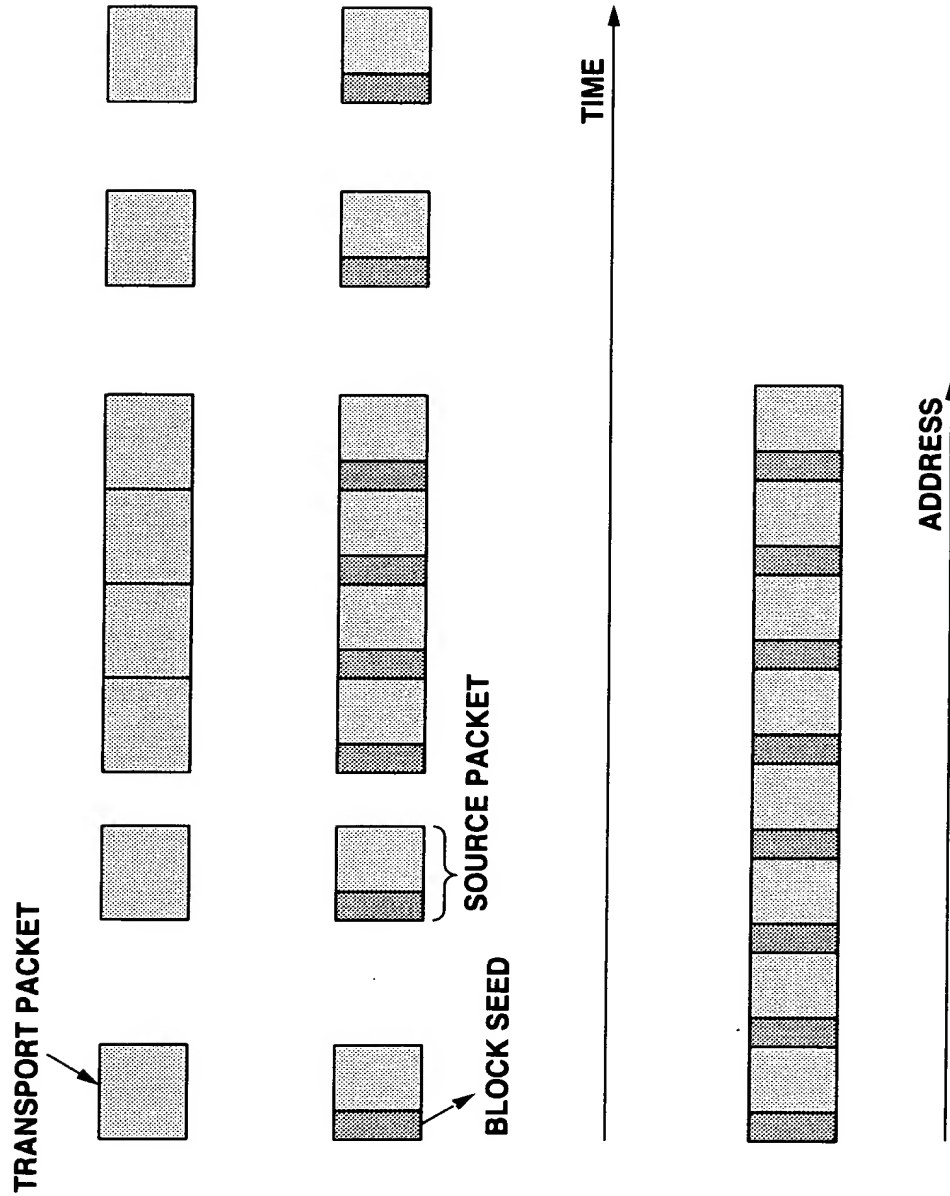


FIG. 6

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**FIG. 7A**

INPUT  
TRANSPORT  
STREAM

**FIG. 7B**

OUTPUT OF BLOCK  
SEED APPENDING  
CIRCUIT

**FIG. 7C**

AV DATA ON  
RECORDING  
MEDIUM

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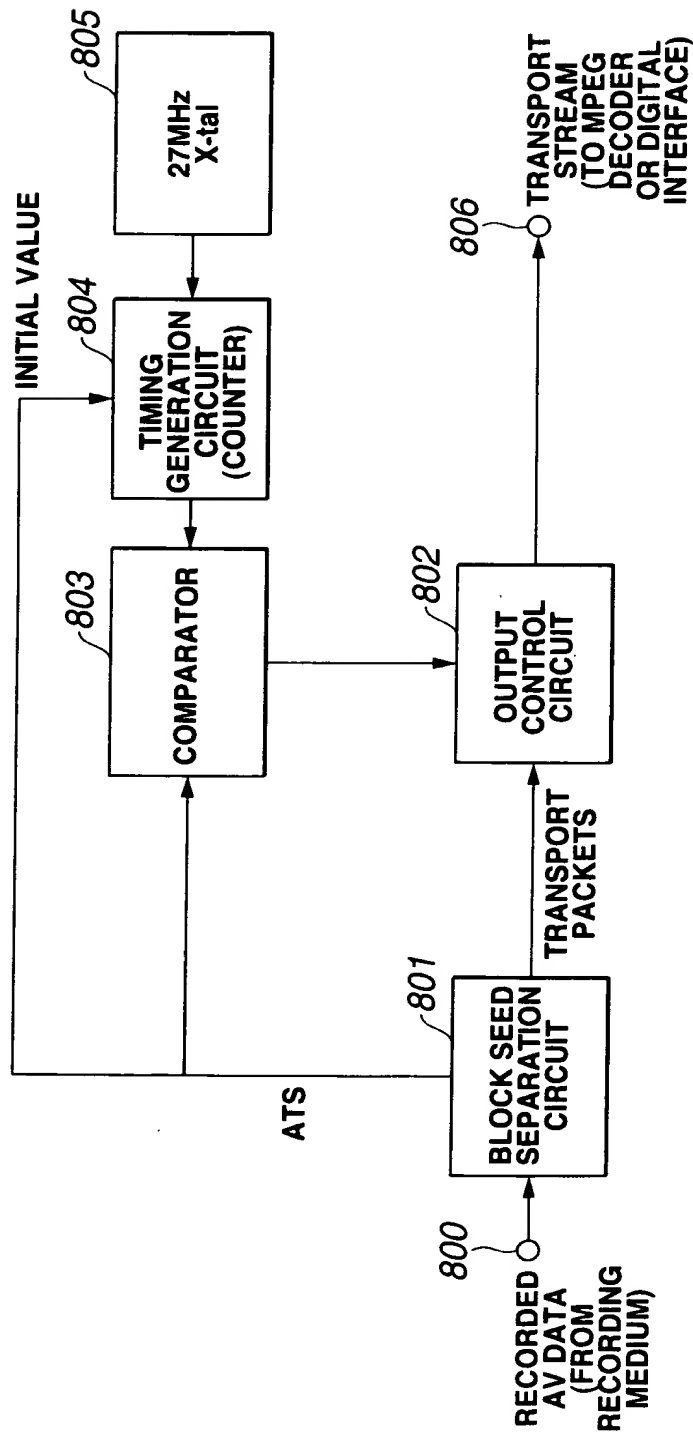


FIG.8



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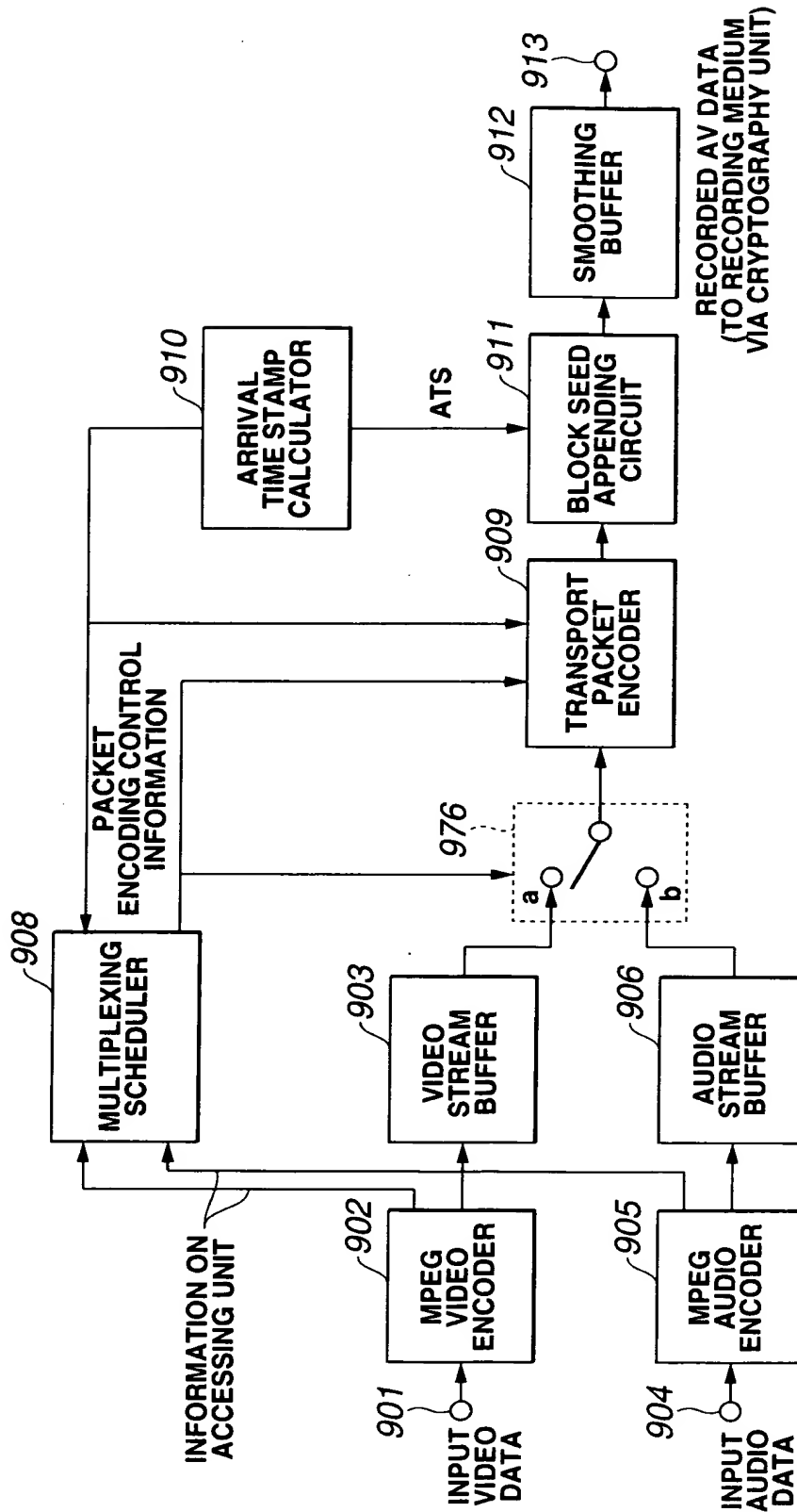
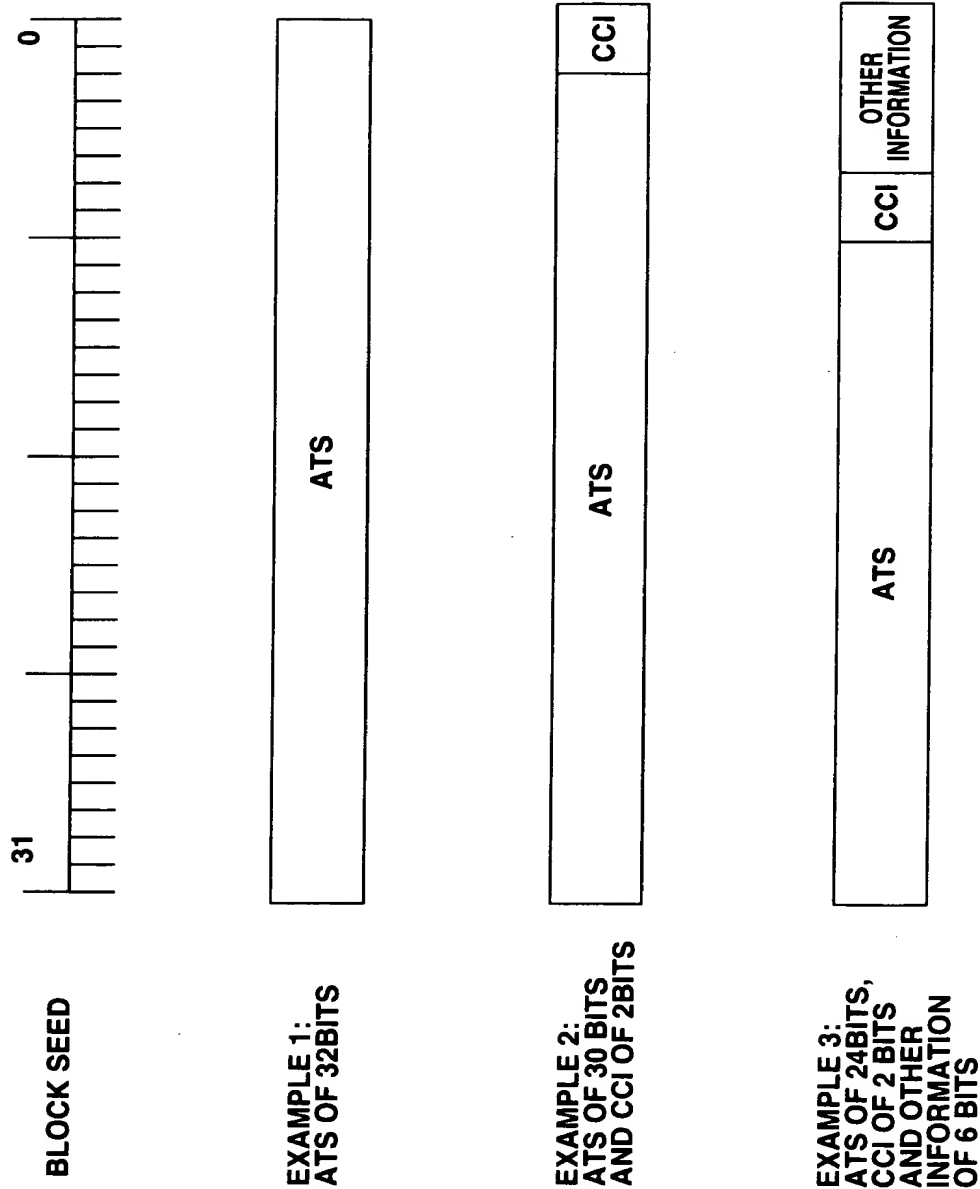


FIG.9



**FIG.10**

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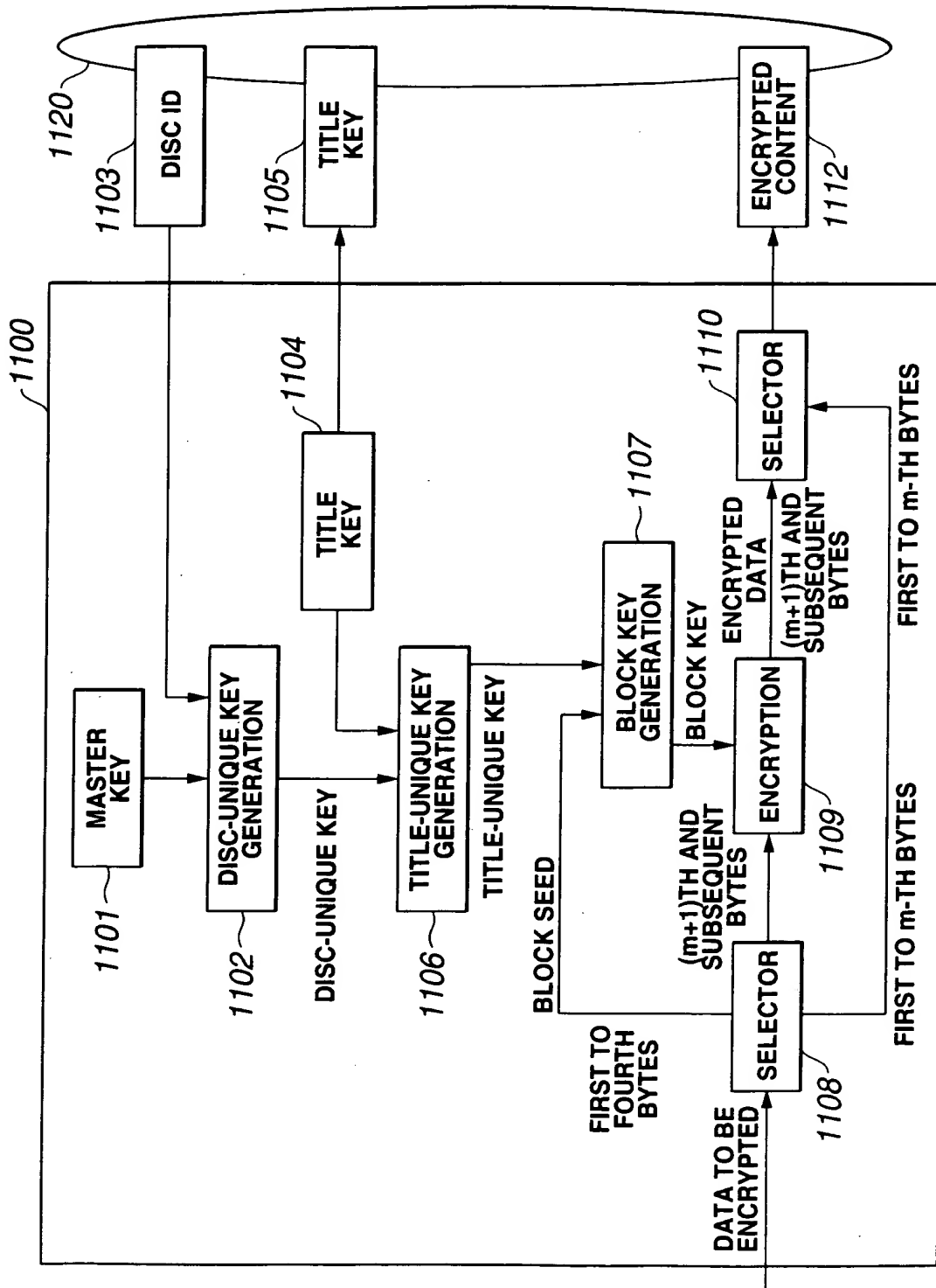


FIG.11

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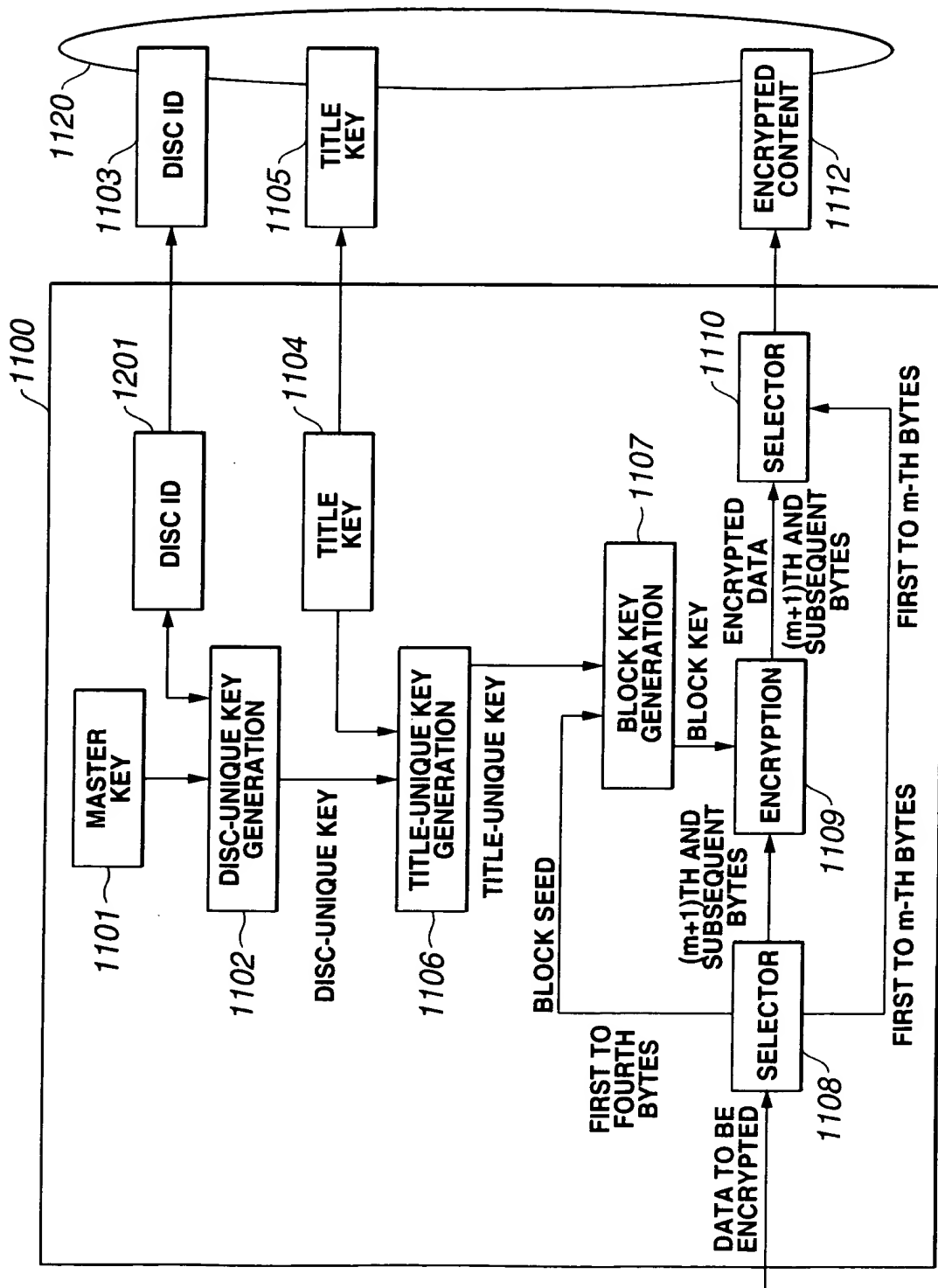


FIG.12

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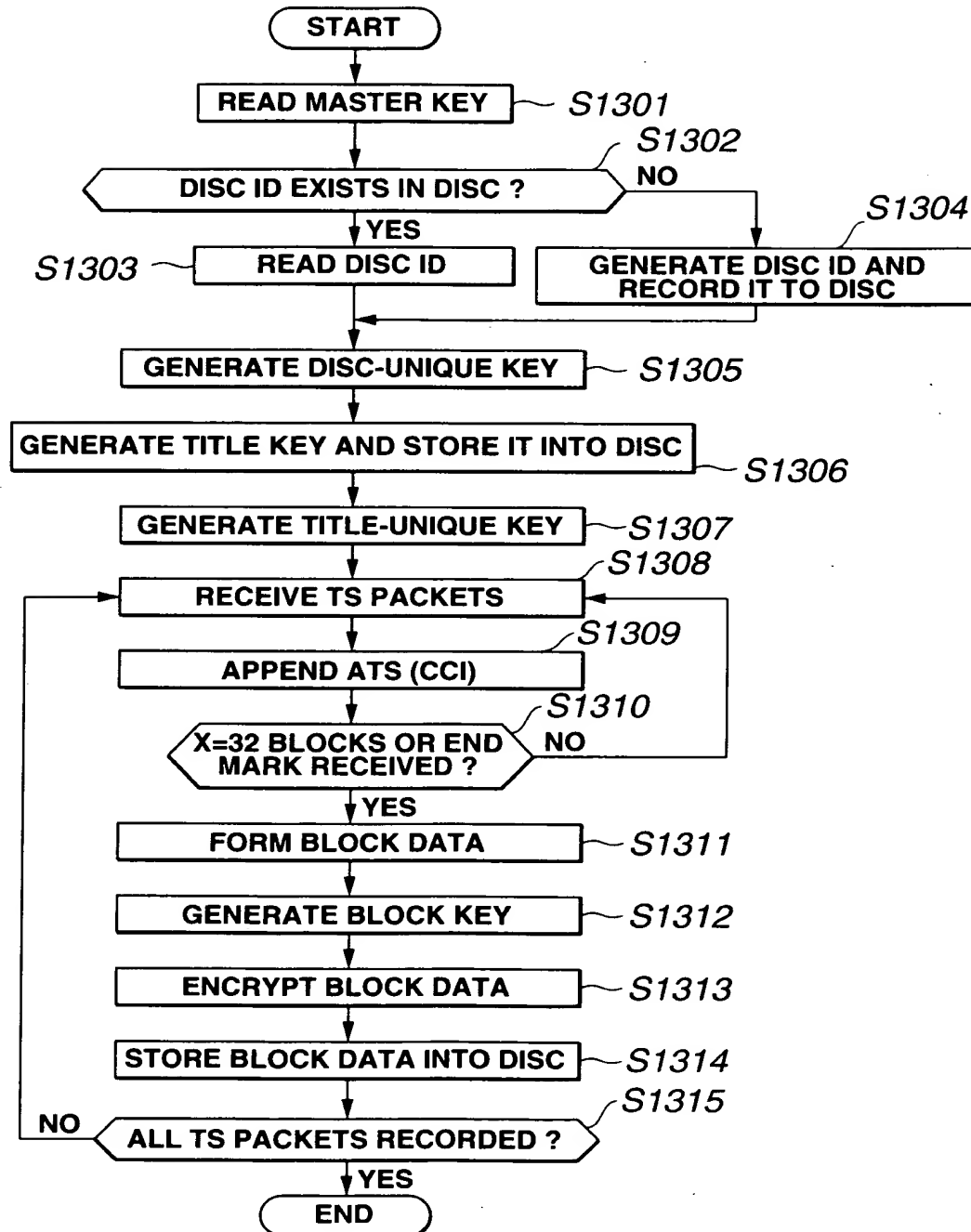
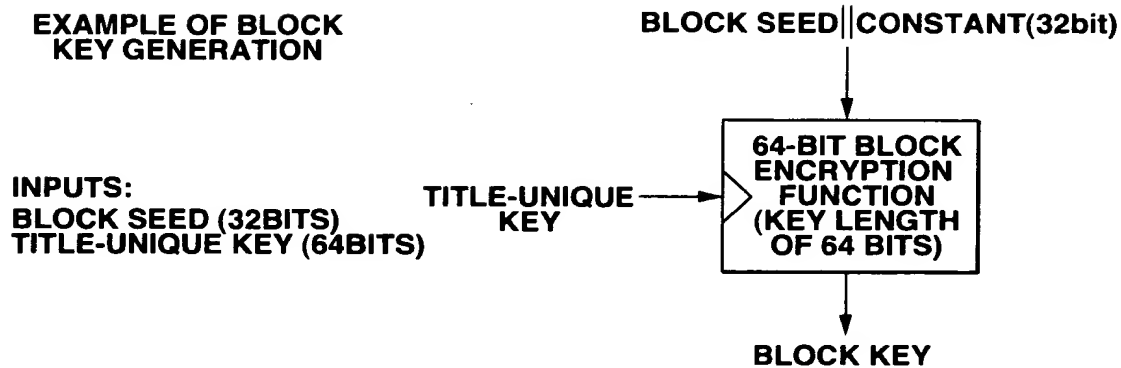


FIG.13

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EXAMPLE 1



**OUTPUTS:**  
BLOCK KEY (64BITS)

EXAMPLE 2

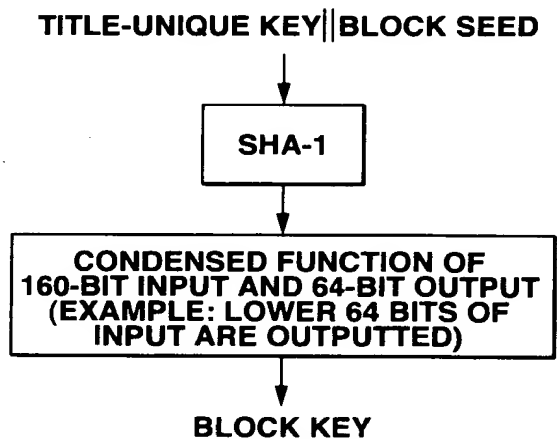
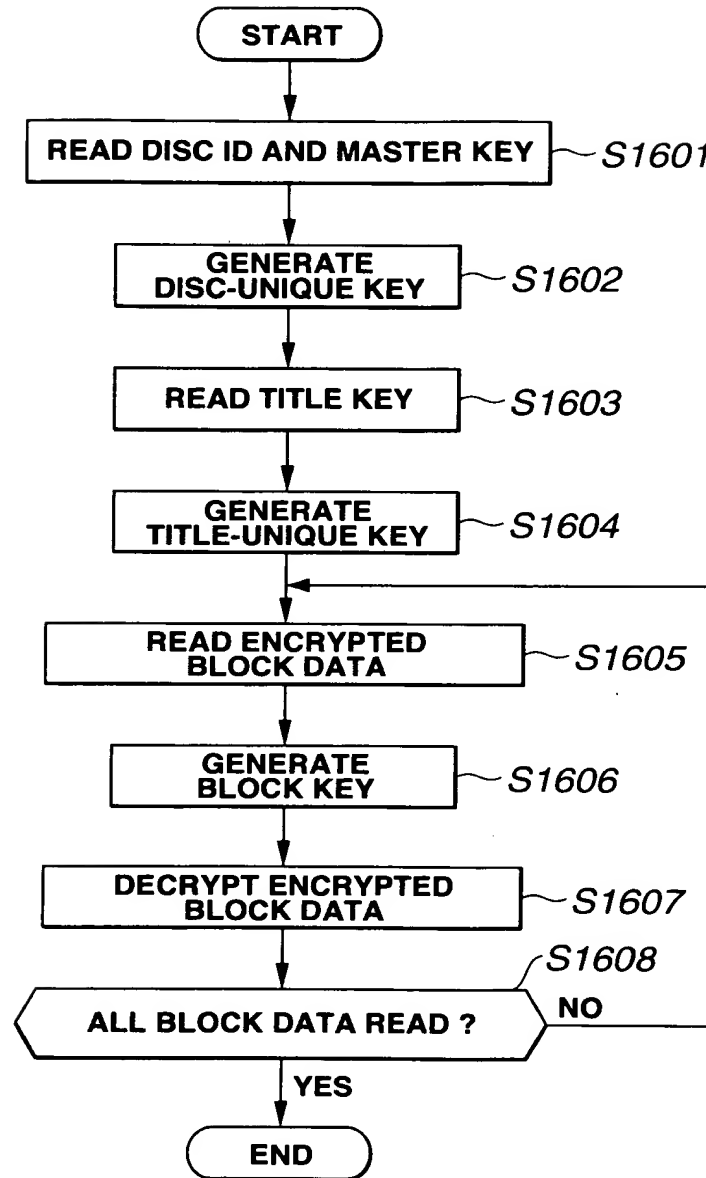


FIG.14



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**FIG.16**



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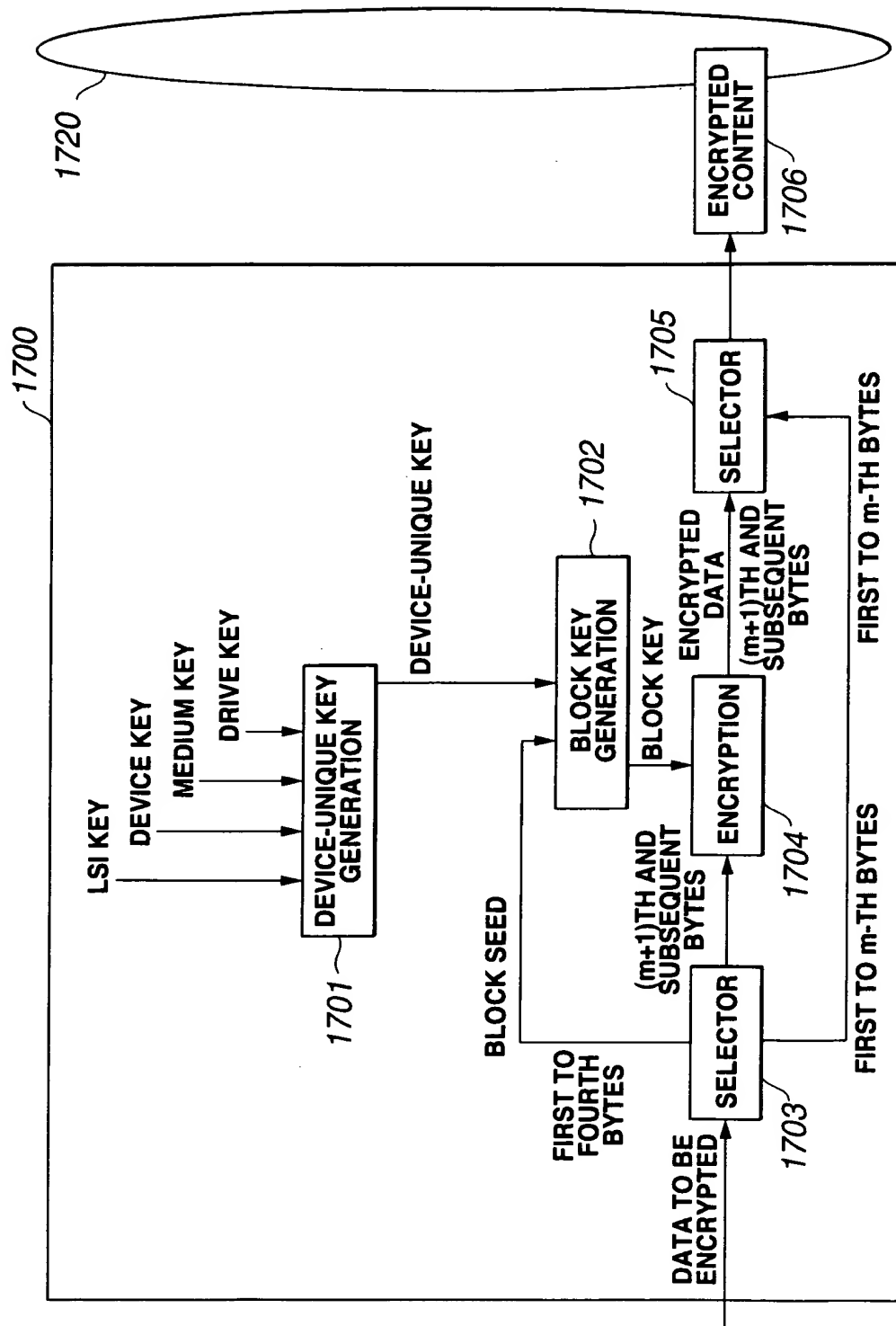
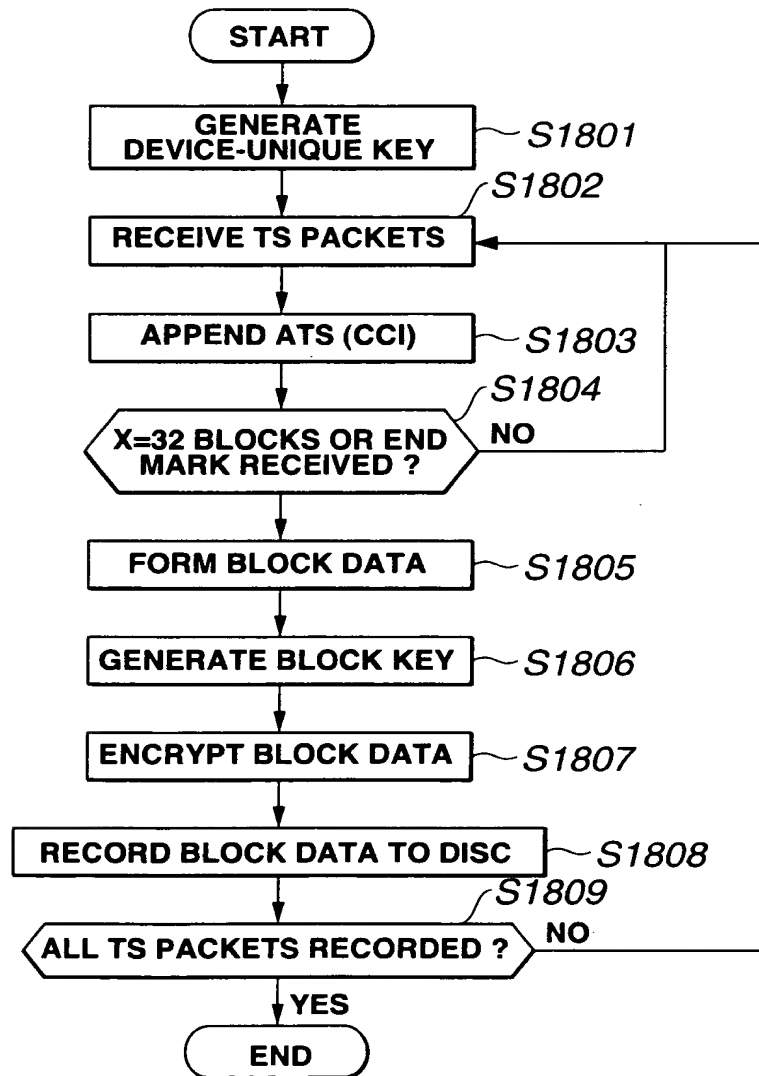


FIG.17

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**FIG.18**

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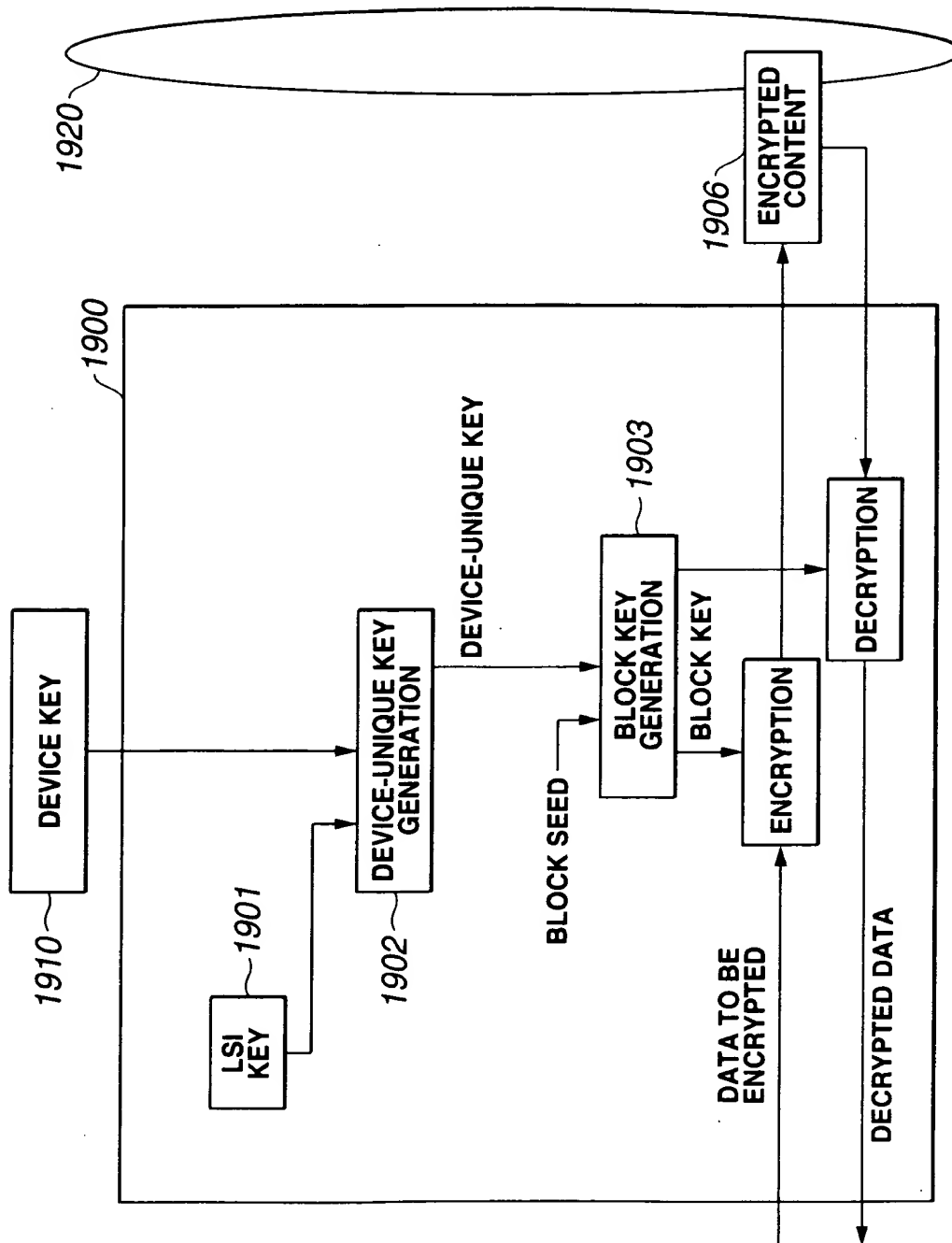


FIG.19

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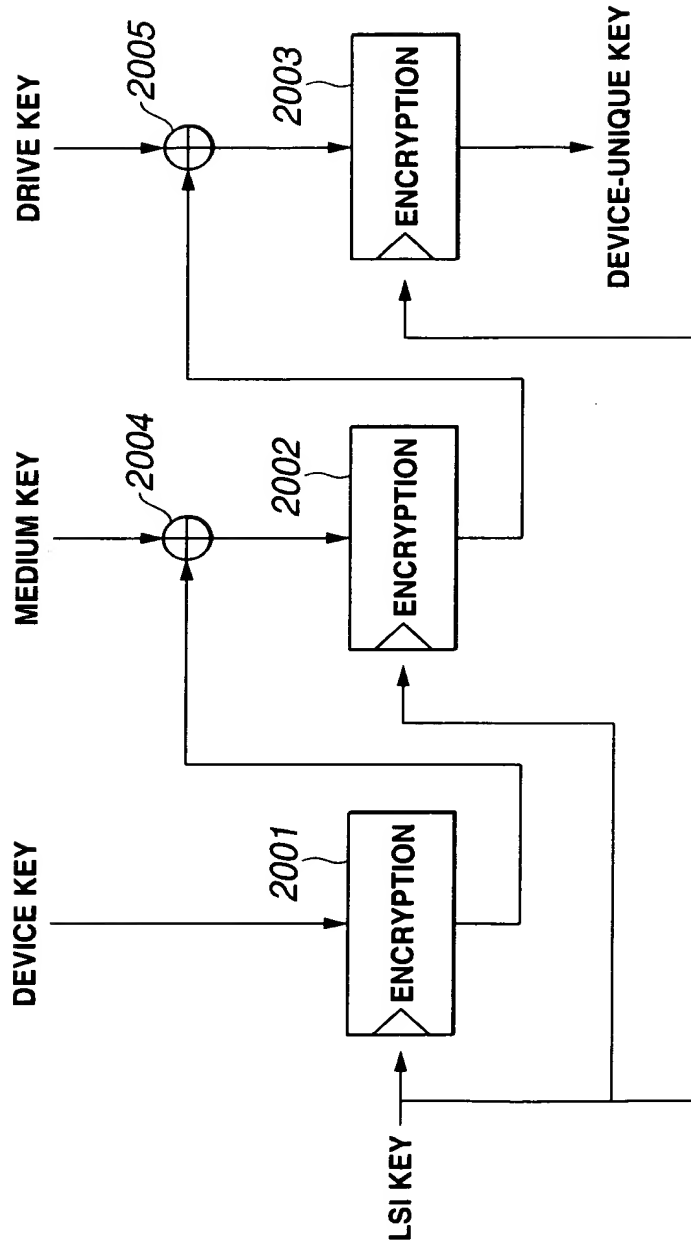


FIG.20

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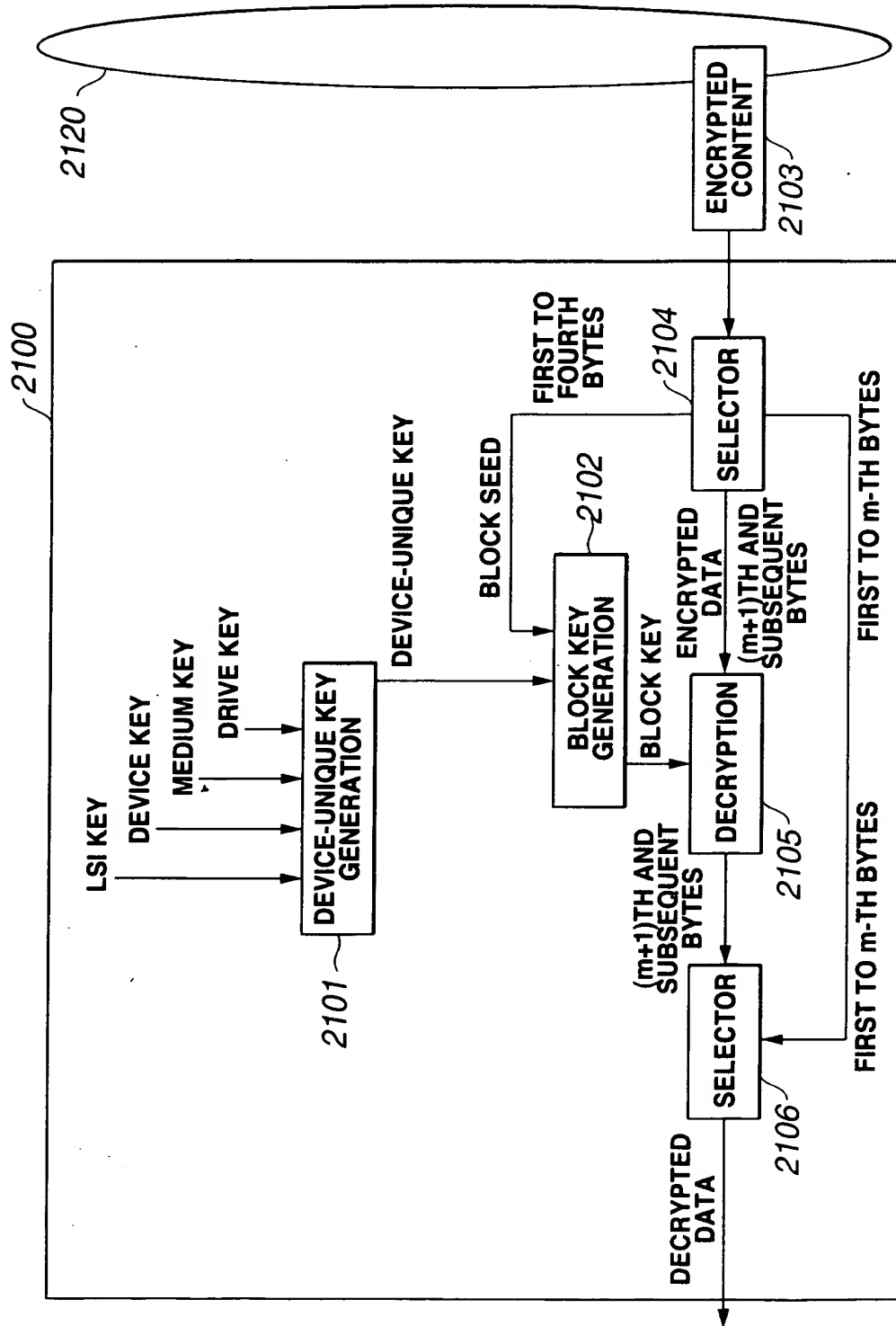


FIG.21

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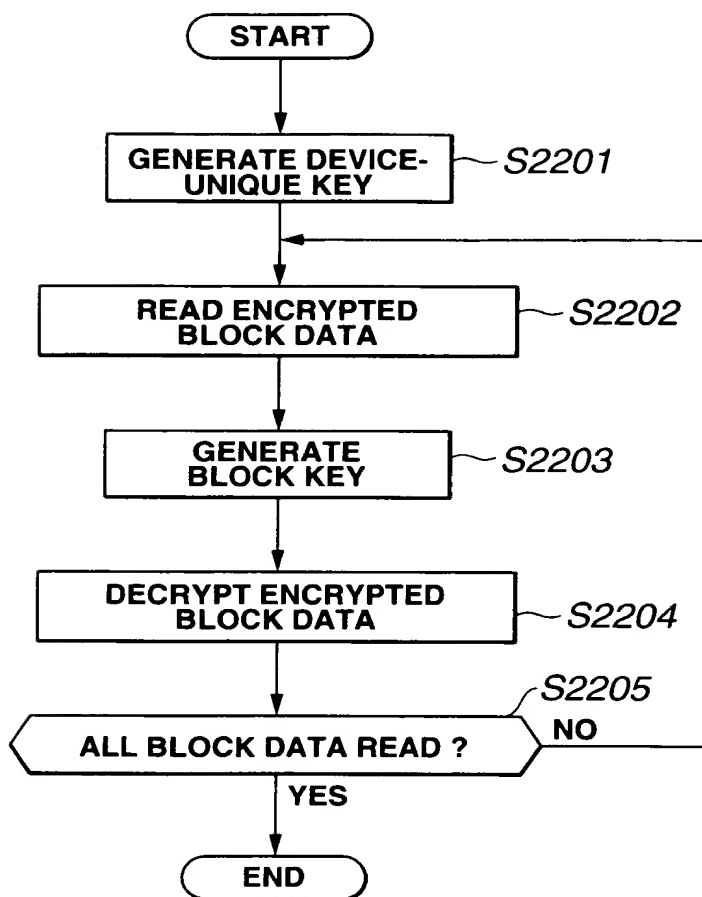


FIG.22

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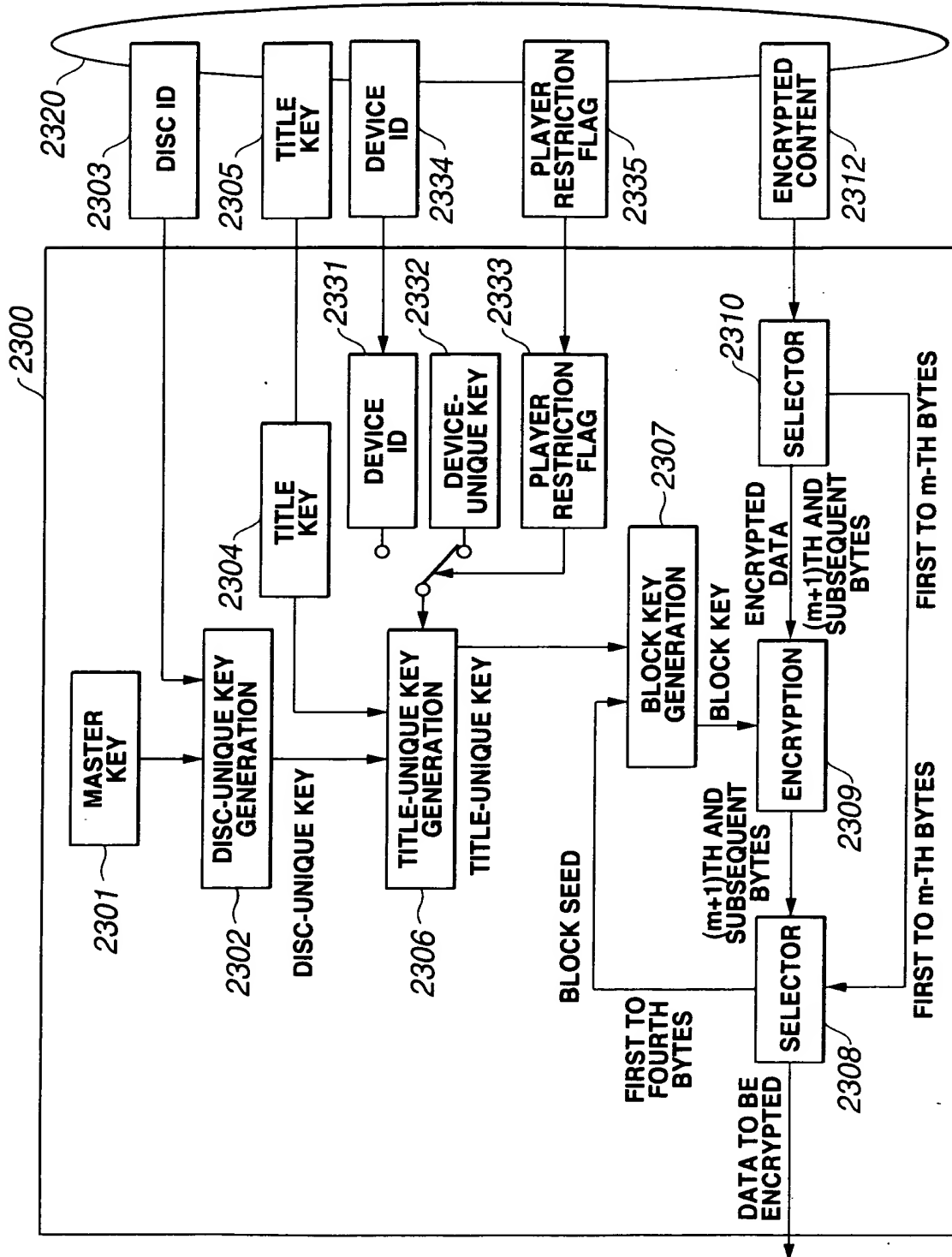
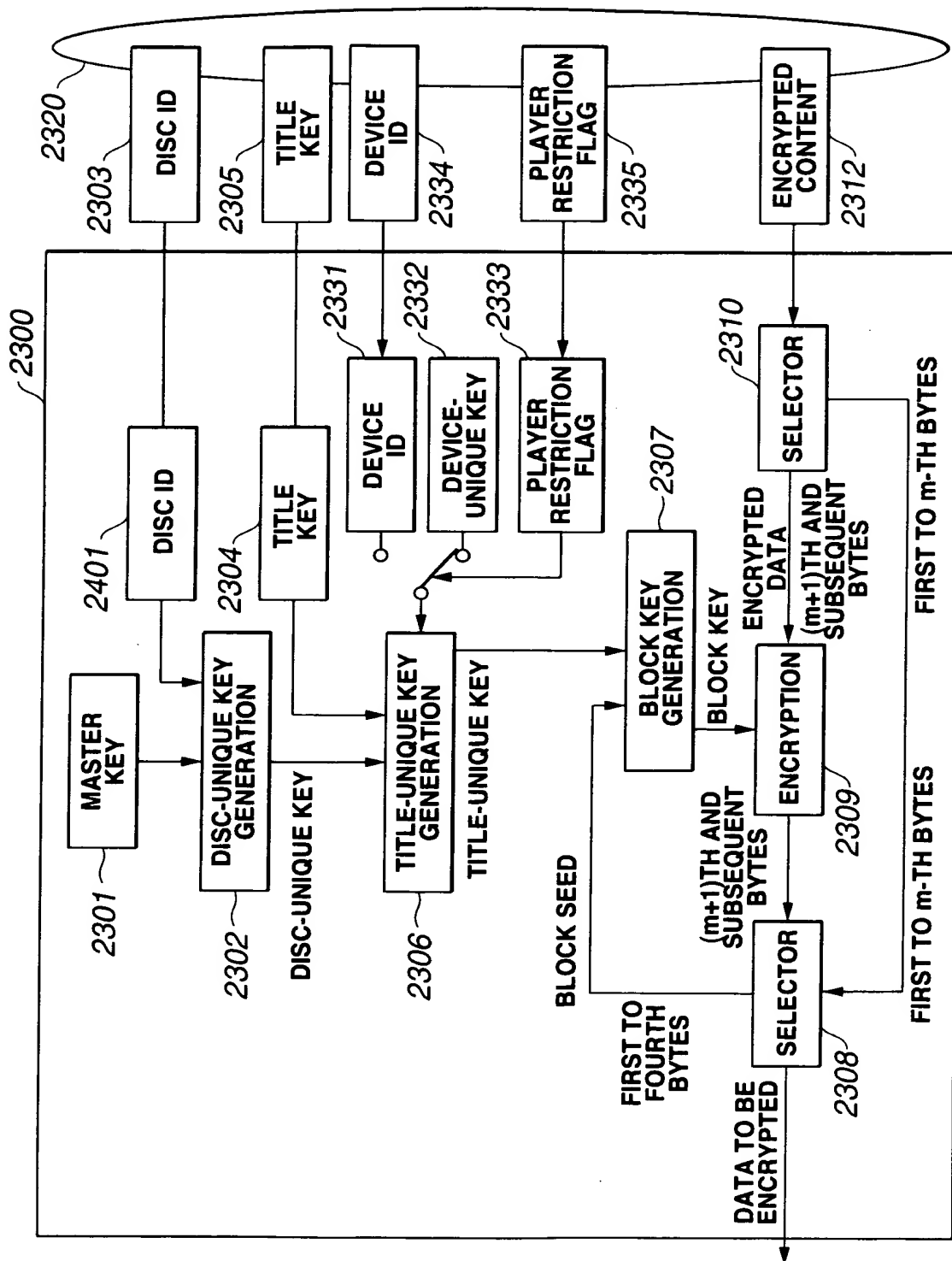


FIG.23





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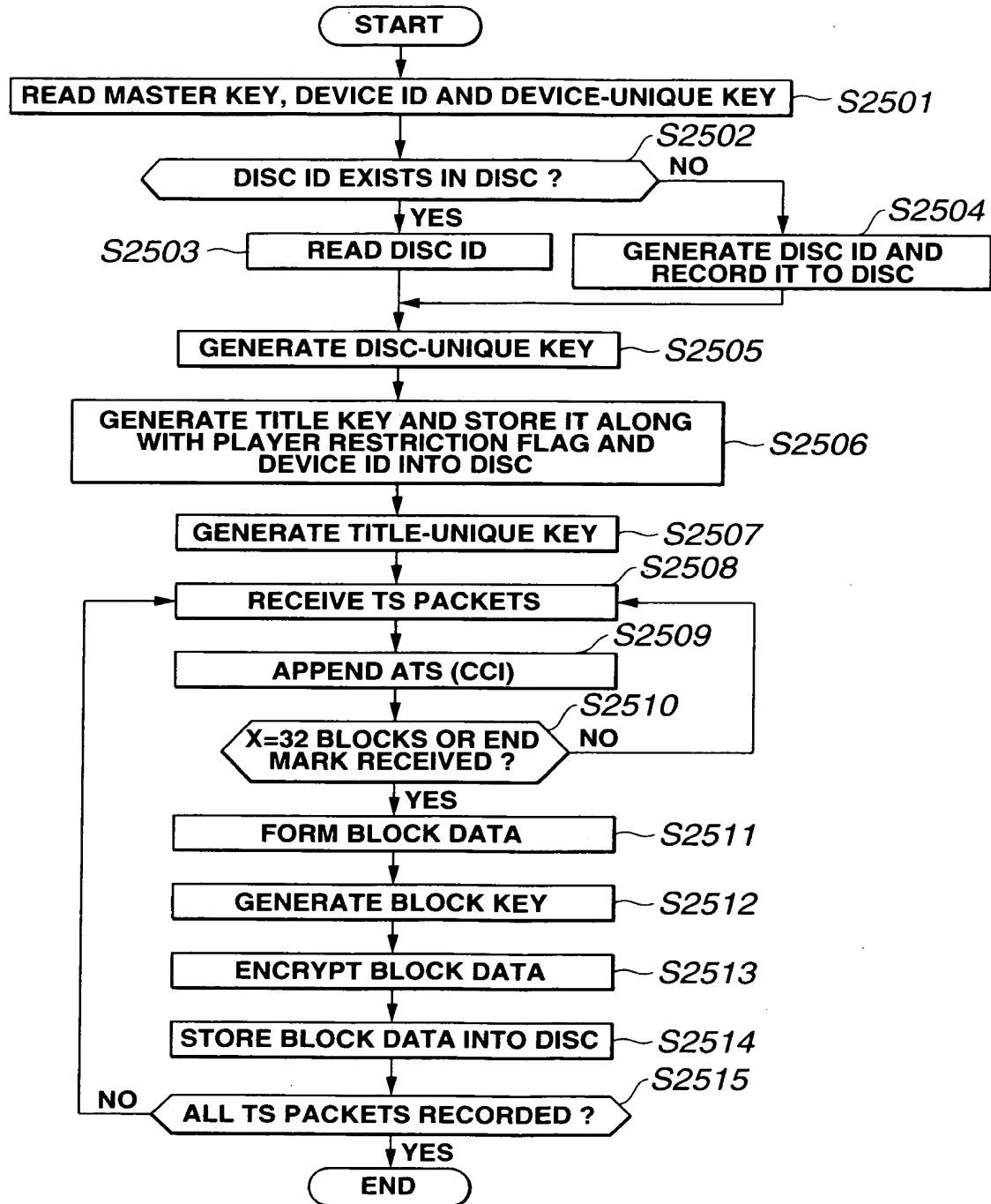


FIG.25

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EXAMPLE 1

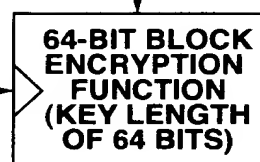
EXAMPLE OF DEVICE-UNIQUE  
KEY GENERATION

INPUTS:

MASTER KEY (64BITS)  
DISC ID (64BITS)

MASTER  
KEY

DISC ID (64bit)



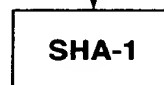
DISC-UNIQUE KEY

EXAMPLE 2

OUTPUTS:

DISC-UNIQUE KEY (64BITS)

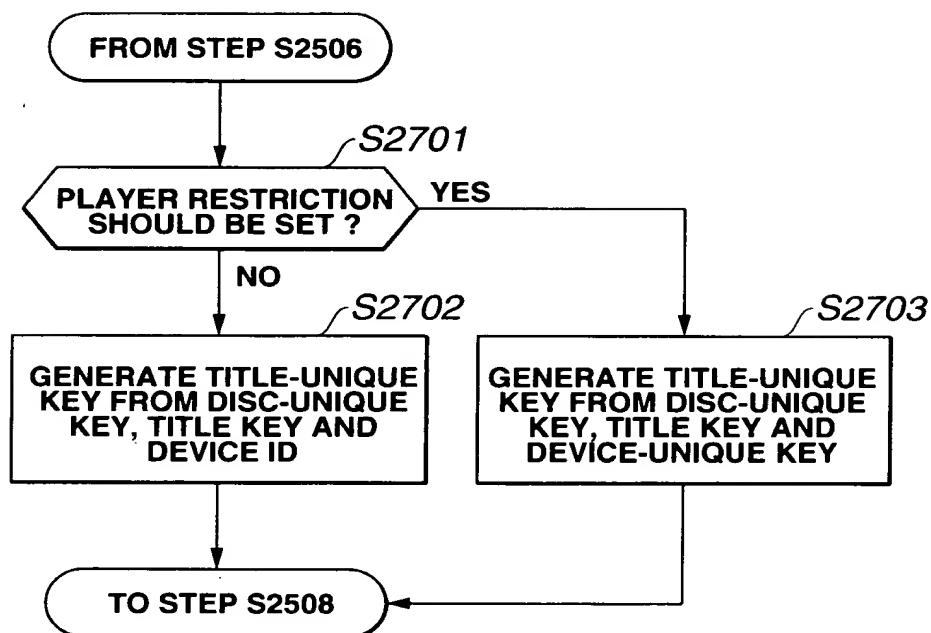
MASTER KEY||DISC ID



DISC-UNIQUE KEY

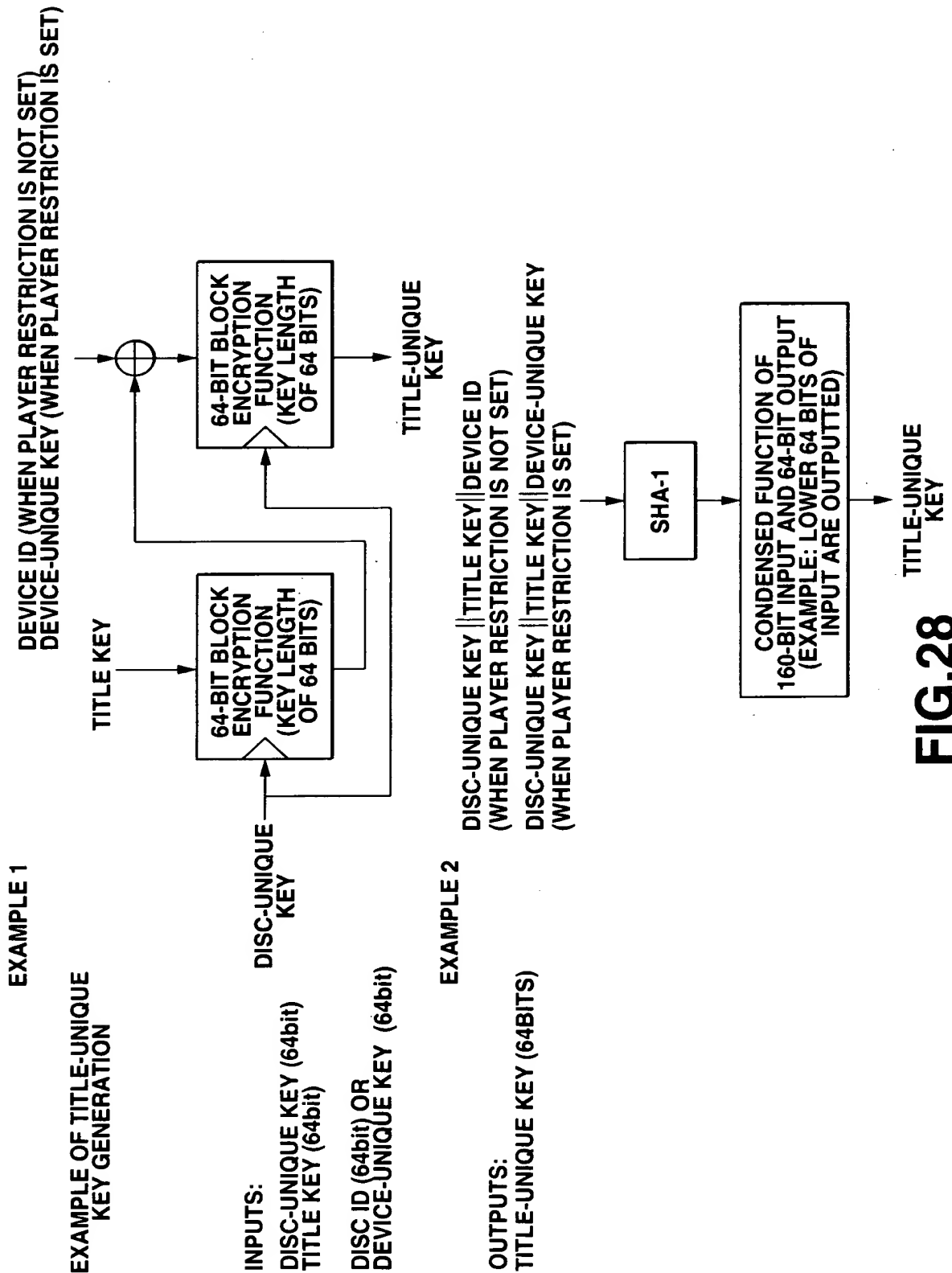
FIG.26

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**FIG.27**

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**FIG.28**

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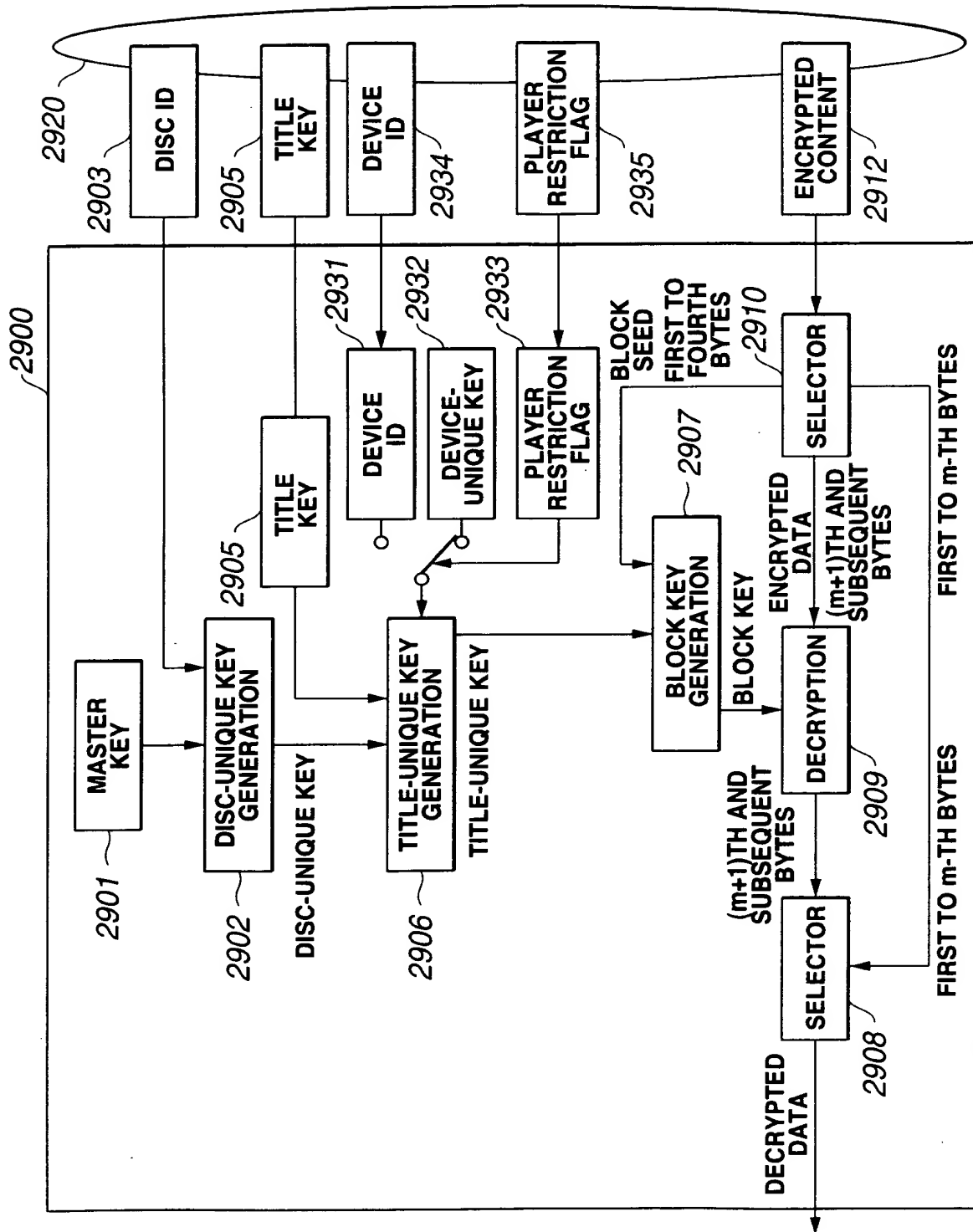


FIG.29

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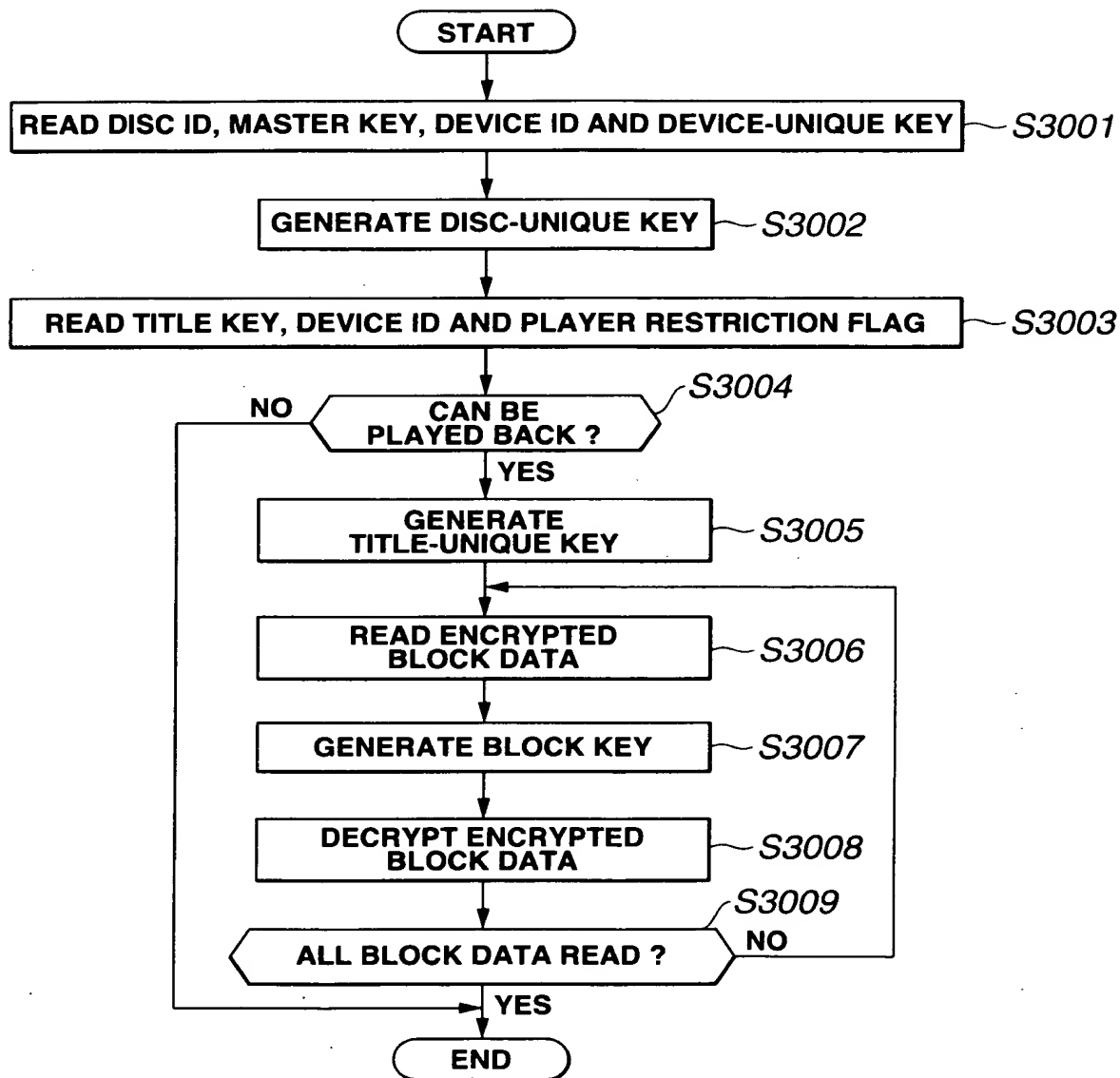


FIG.30

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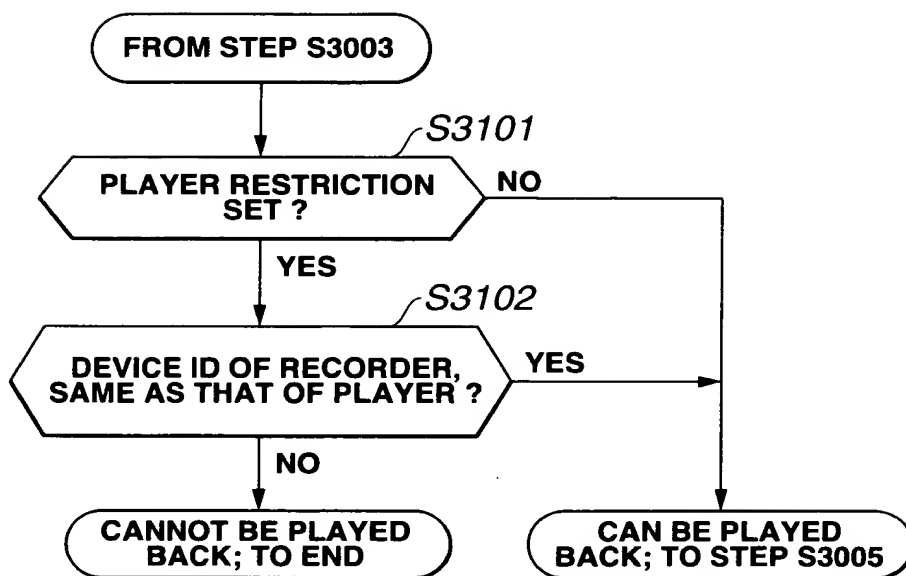


FIG.31

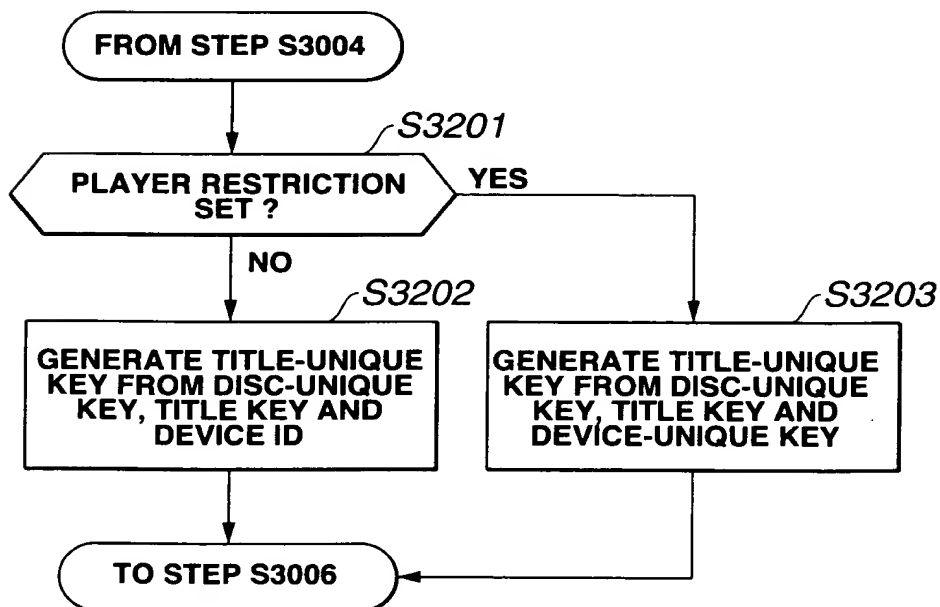


FIG.32

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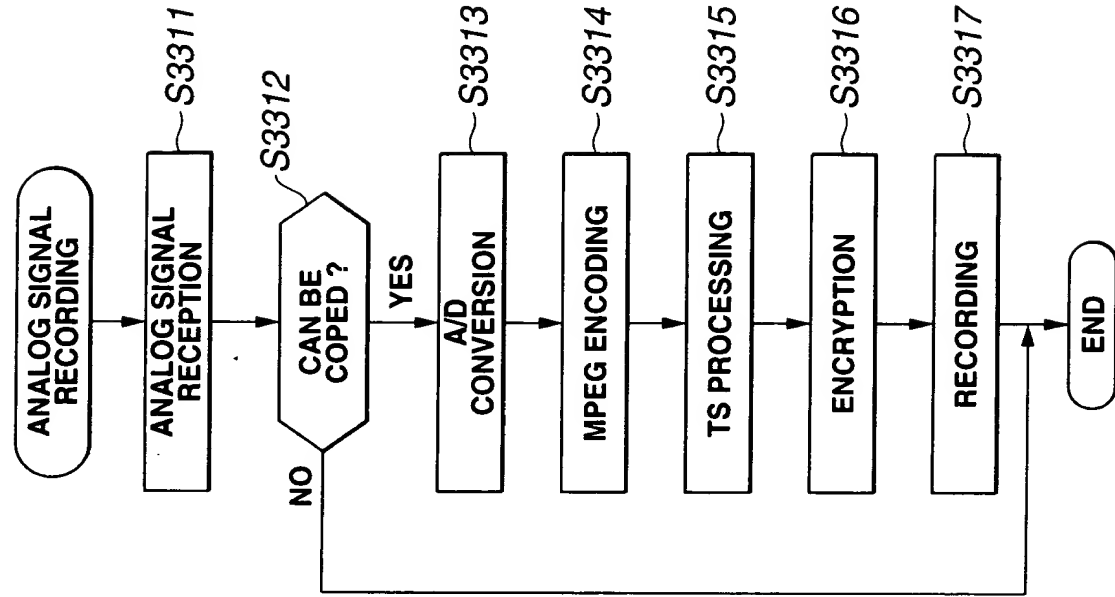


FIG. 33B

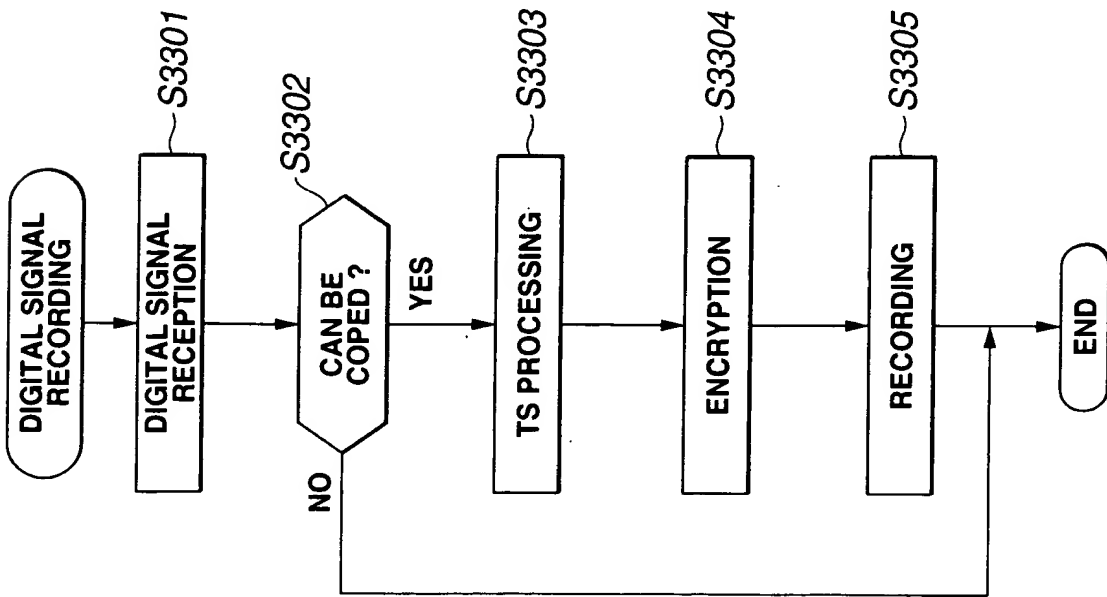


FIG. 33A



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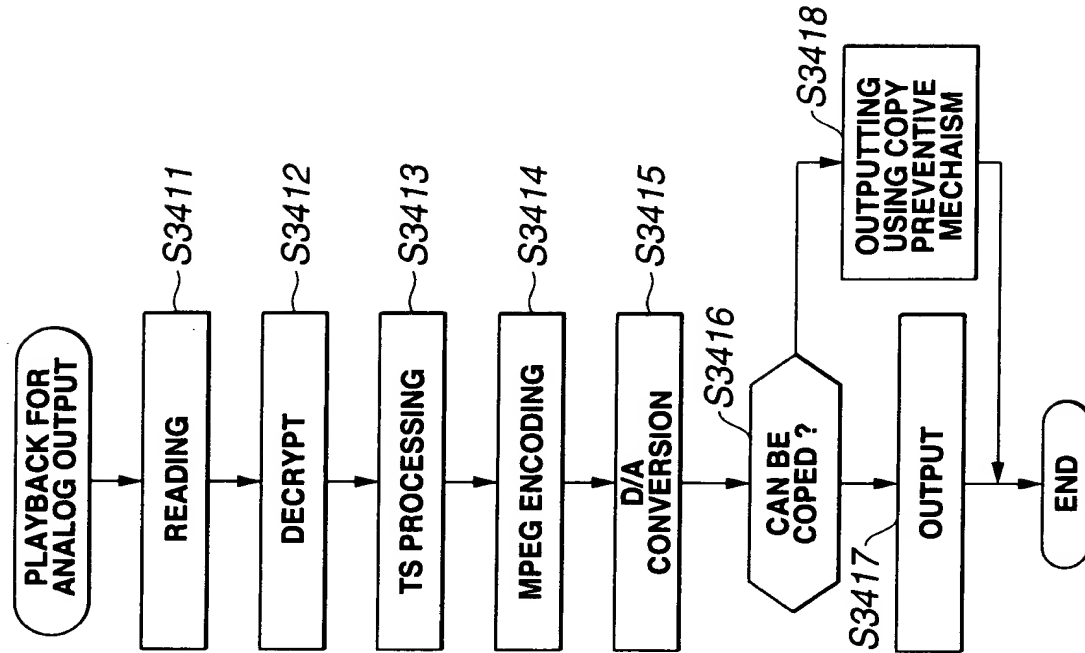


FIG. 34B

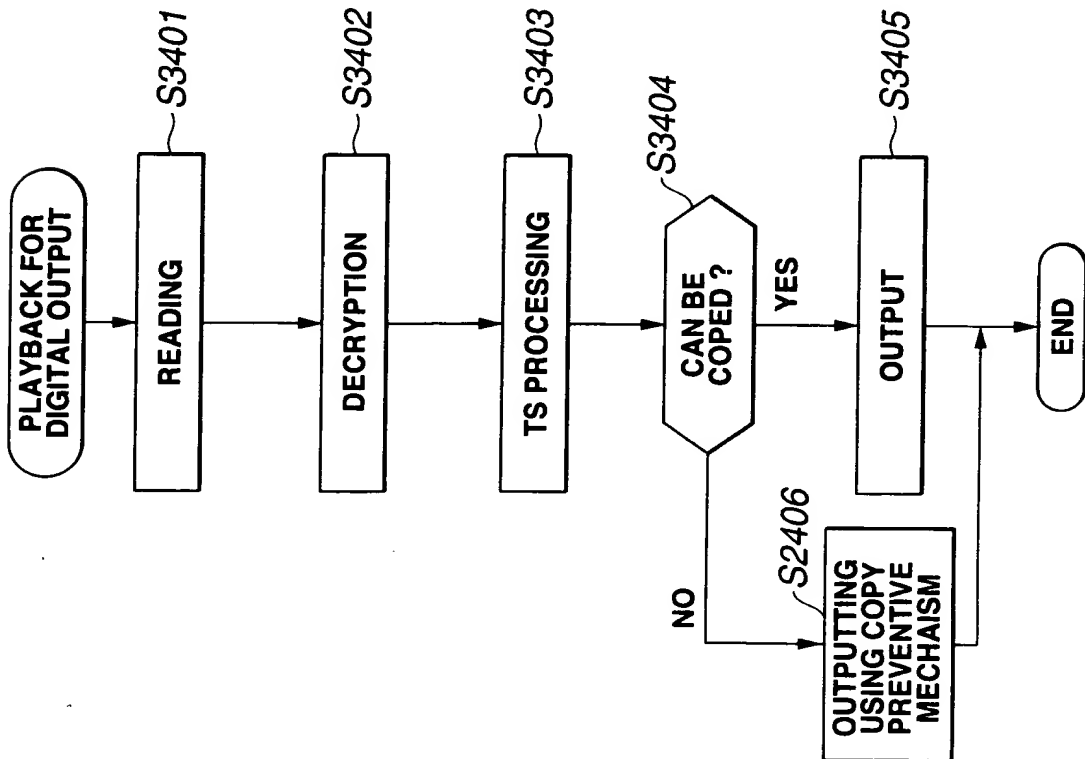


FIG. 34A

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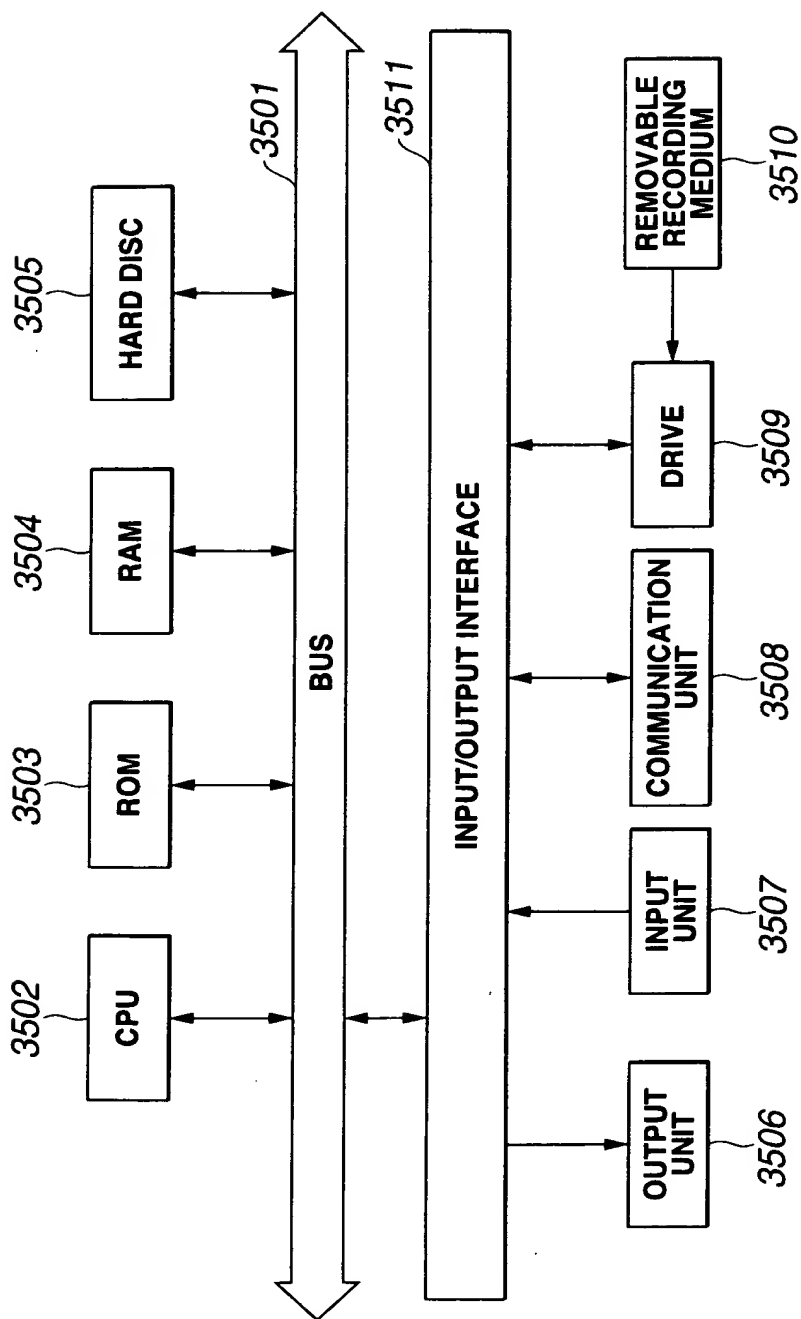


FIG.35